



[Subscribe \(Full Service\)](#) [Register \(Limited Service, Free\)](#) [Login](#)

Search: ☒ The ACM Digital Library ☐ The Guide

SEARCH

## THE ACM DIGITAL LIBRARY

[Feedback](#)

(packet and encryption and remainder and blocks) and  
(voice or audio)

Published before December 2003

Terms used:

[packet](#) [encryption](#) [remainder](#) [blocks](#) [voice](#) [audio](#)

Found  
18 of  
247,774

Sort  
results  
by

relevance

Display  
results

expanded form



[Save](#) Refine

[results](#)

to a

[Binder](#)

☐ Open  
results  
in a new  
window

these  
results

with

[Advanced](#)

[Search](#)

Try this

search

in [The](#)

[ACM](#)

[Guide](#)

Results 1 - 18 of 18

### 1 [From voice-band modems to DSL technologies](#)

September 2001 International Journal of Network Management, Volume 11 Issue 5

**Publisher:** John Wiley & Sons, Inc.

Full text available: [pdf \(170.80](#)

[KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [index terms](#),

[review](#)

**Bibliometrics:** Downloads (6 Weeks): 13, Downloads (12 Months): 261, Citation Count: 0


This paper provides an overview of the evolution of digital transmission in the copper access network from voice-band modems to Digital Subscriber Line (DSL) technologies. The various types of DSL technology are described. Copyright © 2001 John ...

## 2 [Consistent overhead Byte stuffing](#)

Stuart Cheshire, Mary Baker

April IEEE/ ACM Transactions on Networking (TON), Volume 7 Issue 2  
1999

**Publisher:** IEEE Press

Full text available:  [pdf\(263.90 KB\)](#)

Additional Information: [full citation](#), [references](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 4, Downloads (12 Months): 34, Citation Count: 0

**Keywords:** Byte stuffing, framing, packet, serial, transmission


## 3 [Reliable group rekeying: a performance analysis](#)



Yang Richard Yang, X. Steve Li, X. Brian Zhang, Simon S. Lam

October ACM SIGCOMM Computer Communication Review, Volume 31 Issue 4  
2001

**Publisher:** ACM

Full text available:  [pdf\(245.50 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 46, Citation Count: 24

In secure group communications, users of a group share a common group key. A key server sends the group key to authorized new users as well as performs group rekeying for group users whenever the key changes. In this paper, we investigate scalability ...


## 4 [Reliable group rekeying: a performance analysis](#)



Yang Richard Yang, X. Steve Li, X. Brian Zhang, Simon S. Lam

August SIGCOMM '01: Proceedings of the 2001 conference on Applications, technologies, architectures, and protocols for computer communications

**Publisher:** ACM

Full text available:  [pdf\(245.50 KB\)](#)

Additional Information: [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 46, Citation Count: 24


In secure group communications, users of a group share a common group key. A key server sends the group key to authorized new users as well as performs group rekeying for group users whenever the key changes. In this paper, we investigate scalability ...

## 5 [Secure group communications using key graphs](#)

Chung Kei Wong, Mohamed Gouda, Simon S. Lam

February 2000 IEEE/ ACM Transactions on Networking (TON), Volume 8 Issue 1

**Publisher:** IEEE Press

Full text available:  [pdf\(345.54 KB\)](#)

**Additional Information:** [full citation](#), [references](#), [cited by](#), [index terms](#), [review](#)

**Bibliometrics:** Downloads (6 Weeks): 20, Downloads (12 Months): 141, Citation Count: 43



**Keywords:** confidentiality, group communications, group key management, key distribution, multicast, privacy, rekeying, security

## 6 [Securing Mobile Appliances: New Challenges for the System Designer](#)

Anand Raghunathan, Srivaths Ravi, Sunil Hattangady, Jean-Jacques Quisquater

March 2003 DATE '03: Proceedings of the conference on Design, Automation and Test in Europe - Volume 1, Volume 1

**Publisher:** IEEE Computer Society


Full text available:  [pdf\(257.28 KB\)](#)  [Publisher Site](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 25, Downloads (12 Months): 169, Citation Count: 1


As intelligent electronic systems pervade all aspects of our lives, capturing, storing, and communicating a wide range of sensitive and personal data, security is emerging as a critical concern that must be addressed in order to enable several current ...

## 7 [A quick safari through the reconfiguration jungle](#)

 Patrick Schaumont, Ingrid Verbauwhede, Kurt Keutzer, Majid Sarrafzadeh

June 2001 DAC '01: Proceedings of the 38th conference on Design automation

**Publisher:** ACM

Full text available:  [pdf\(268.82 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 40, Citation Count: 17

Cost effective systems use specialization to optimize factors such as power consumption, processing throughput, flexibility or combinations thereof.

Reconfigurable systems obtain this specialization at run-time. System reconfigurable has a vertical, ...

## 8 Computing curricula 2001



CORPORATE The Joint Task Force on Computing Curricula  
September Journal on Educational Resources in Computing (JERIC), Volume  
2001 1 Issue 3es

**Publisher:** ACM

Full text available: [pdf\(613.63 KB\)](#) [html\(2.78 KB\)](#)

**Additional Information:** [full citation](#), [references](#),  
[cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 174, Downloads (12 Months): 1732, Citation Count: 22

## 9 Nark: receiver-based multicast non-repudiation and key management



Bob Briscoe, Ian Fairman  
November EC '99: Proceedings of the 1st ACM conference on Electronic commerce  
1999

**Publisher:** ACM

Full text available: [pdf\(168.86 KB\)](#)

**Additional Information:** [full citation](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 1, Downloads (12 Months): 39, Citation Count: 2

**Keywords:** Internet, audit trail, key management, multicast, non-repudiation, smartcard, watermark

## 10 Digital signatures for flows and multicasts

Chung Kei Wong, Simon S. Lam  
August 1999 IEEE/ ACM Transactions on Networking (TON), Volume 7 Issue 4  
**Publisher:** IEEE Press

Full text available: [pdf\(268.97 KB\)](#)

**Additional Information:** [full citation](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 26, Downloads (12 Months): 81, Citation Count: 6

## 11 ASHs: Application-specific handlers for high-performance messaging



Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek  
August SIGCOMM '96: Conference proceedings on Applications, technologies,  
1996 architectures, and protocols for computer communications

**Publisher:** ACM

Full text available: [pdf\(174.50 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),  
[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 11, Citation Count: 15

*Application-specific safe message handlers (ASHs) are designed to provide applications with hardware-level network performance. ASHs are user-written code fragments that safely and efficiently execute in the kernel in response to message arrival. ...*

## 12 [A secure multicast protocol with copyright protection](#)



Hao-hua Chu, Lintian Qiao, Klara Nahrstedt, Hua Wang, Ritesh Jain

April 2002 ACM SIGCOMM Computer Communication Review, Volume 32 Issue 2

**Publisher:** ACM

Full text available: [pdf\(301.97](#)



**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),

[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 15, Downloads (12 Months): 129, Citation Count: 2

We present a simple, efficient, and secure multicast protocol with copyright protection in an open and insecure network environment. There is a wide variety of multimedia applications that can benefit from using our secure multicast protocol, e. g., the ...

**Keyw ords:** copyright protection, key distribution, multicast security, watermark

## 13 [ASHs: application-specific handlers for high-performance messaging](#)

Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek

August 1997 IEEE/ ACM Transactions on Networking (TON), Volume 5 Issue 4

**Publisher:** IEEE Press

Full text available: [pdf\(174.62](#)



**Additional Information:** [full citation](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 2, Downloads (12 Months): 10, Citation Count: 2

**Keyw ords:** computer networks, dynamic code generation, modular computer systems, operating systems, protocols, software protection, user-level networking

## 14 [ASHs: Application-specific handlers for high-performance messaging](#)



Deborah A. Wallach, Dawson R. Engler, M. Frans Kaashoek

October 1996 ACM SIGCOMM Computer Communication Review, Volume 26 Issue 4

**Publisher:** ACM

Full text available: [pdf\(174.50](#)



**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),

[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 3, Downloads (12 Months): 11, Citation Count: 15

*Application-specific safe message handlers (ASHs)* are designed to provide applications with hardware-level network performance. ASHs are user-written code fragments that safely and efficiently execute in the kernel in response to message arrival. ...

**15** [A conference gateway supporting interoperability between SIP and H.323](#)



Giann-Min Ho, Jia-Cheng Hu, Peter Steenkiste

October      MULTIMEDIA '01: Proceedings of the ninth ACM international conference 2001      on Multimedia

**Publisher:** ACM

Full text available: [pdf\(805.09](#)



**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#),

[index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 8, Downloads (12 Months): 145, Citation Count: 1

Increased network bandwidth is making desktop video conferencing an attractive application for an increasing number of computer users. Unfortunately, two competing standards for video conferencing signaling are in use, H.323 and SIP. In this paper we ...

**Key words:** H.323, SIP, interoperability, video conferencing gateway, video conferencing signaling protocols

**16** [A brief history of NTP time: memoirs of an Internet timekeeper](#)



David L. Mills

April      ACM SIGCOMM Computer Communication Review, Volume 33 Issue 2 2003

**Publisher:** ACM

Full text available: [pdf\(185.93](#)



**Additional Information:** [full citation](#), [abstract](#), [references](#), [cited by](#)

**Bibliometrics:** Downloads (6 Weeks): 23, Downloads (12 Months): 113, Citation Count: 3

This paper traces the origins and evolution of the Network Time Protocol (NTP) over two decades of continuous operation. The technology has been continuously improved from hundreds of milliseconds in the rowdy Internet of the early 1980s to tens of nanoseconds ...


**Key words:** algorithmic memoirs, computer network, technical history, time synchronization

## 17 [Router plugins: a software architecture for next-generation routers](#)

Dan Decasper, Zubin Dittia, Guru Parulkar, Bernhard Plattner

February IEEE/ ACM Transactions on Networking (TON), Volume 8 Issue 1  
2000

**Publisher:** IEEE Press

Full text available:  [pdf\(530.34 KB\)](#)

**Additional Information:** [full citation](#), [references](#), [cited by](#), [index terms](#)

**Bibliometrics:** Downloads (6 Weeks): 9, Downloads (12 Months): 86, Citation Count: 7

**Key words:** communication system routing, communication system security, internet, modular computer systems


## 18 [New channels, old concerns: scalable and reliable data dissemination](#)



Colin Allison, Duncan McPherson, Dirk Husemann

September EW 9: Proceedings of the 9th workshop on ACM SIGOPS European  
2000 workshop: beyond the PC: new challenges for the operating system

**Publisher:** ACM

Full text available:  [pdf\(76.39 KB\)](#)

**Additional Information:** [full citation](#), [abstract](#), [references](#)

**Bibliometrics:** Downloads (6 Weeks): 5, Downloads (12 Months): 15, Citation Count: 0

An interesting trend in the continuing convergence of information technologies is the emergence of the Internet as a content provider in its own right, as opposed to its simply being one of many delivery channels. For example, it is increasingly the ...

---

### Results 1 - 18 of 18

The ACM Portal is published by the Association for Computing Machinery. Copyright © 2008 ACM, Inc.

[Terms of Usage](#) [Privacy Policy](#) [Code of Ethics](#) [Contact Us](#)

Useful downloads:



[Adobe Acrobat](#)



[QuickTime](#)



[Windows Media Player](#)



[Real Player](#)